

CLAIMS

1. A wireless smoke sensing system, comprising:
 - (a) multiple smoke sensors capable of sending and receiving RF signals, and
 - (b) each detector having the proper circuitry such as a transceiver system to alarm, send and receive signals by themselves, therefore
 - (c) a smoke sensor can receive an RF signal to then turn on an audible warning alarm, and
 - (d) a smoke sensor as claimed in 1.(c) that can alarm and transmit a RF signal from inside the same housing of the receiver, allowing
 - (e) each smoke sensor to alarm and transmit to the others in a group, and
 - (f) a timer activated pulsing circuit to shut on and off the power to the transmission and reception means, saving battery life, and
 - (g) a SCR (Silicone Controlled Rectifier) to latch the reception and transmission of RF signals, and
 - (h) antennas to increase the transmission and reception qualities
2. A wireless Christmas tree smoke and heat sensing bulb, incorporating:
 - (a) a RF signal that corresponds to the frequency of signals of the smoke sensors in claim 1, and
 - (b) a test button to prove the system is in operating condition